

## AMENDMENTS TO THE SPECIFICATION

Please amend the title of the application as follows:

**SYSTEMS AND METHODS OF REMOTE DIRECTLY MEMORY ACCESS FOR  
PLACING DATA IN AN iSCSI STORAGE DEVICE**

Please amend the abstract of the application as follows:

A storage networking device provides remote direct memory access to its buffer memory, configured to store storage networking data. The storage networking device may be particularly adapted to transmit and receive iSCSI data, such as iSCSI input/output operations. The storage networking device comprises a controller and a buffer memory. The controller manages the receipt of storage networking data and buffer locational data. The storage networking data advantageously includes at least one command for at least partially controlling a device attached to a storage network. Advantageously, the storage networking data may be transmitted using a protocol adapted for the transmission of storage networking data, such as, for example, the iSCSI protocol. The buffer memory advantageously is configured to at least temporarily store at least part of the storage networking data at a location within the buffer memory that is based at least in part on the locational data. Mechanisms and processes for directly storing data into the memory of a storage device using the iSCSI protocol are described. One mechanism includes a transmitting device that encodes data to be stored in an iSCSI protocol data unit. Also encoded is buffer locational data that indicates, directly or indirectly, one or more memory addresses of where the data is to be stored within the buffer memory of a receiving device. The buffer locational data is encoded using standard fields within the iSCSI protocol data unit, such as the Target Transfer Tag. A receiving device decodes the buffer locational data and stores the received data at the memory locations specified by the buffer locational data.